						Sheet_	<u>1 of 2</u>	_
Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office			Attorney Docket No.: 1307.	Serial No.: Div. of 08/690,038				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Applicant: Ishii et al.	N. T.				
			Filing Date: July 31, 1996	Group: 2675		<sup>40 U</sup> .	/38/	
	ι	J.S. PATENT	T DOCUMENTS				) 110	S
Document Number	Date		Class	Subclass				
4,296,357	Oct. 20, 1981	Hirayama e	et al.	-				
4,728,864	Mar. 1, 1988	Dick	·					
4,737,687	Apr. 12, 1988	Shinoda et	al.				7	
5,081,400	Jan. 14, 1992	Weber et a	ıl.					
5,107,182	Apr. 21, 1992	Sano et al.	Sano et al.					
5,212,472	May 18, 1993	Takahashi	et al.					
5,317,334	May 31, 1994	Sano	Sano					] .
5,436,634	Jul. 25, 1995	Kanazawa	·	i				
5,446,344	Aug. 29, 1995	Kanazawa		. !	7		÷	4 4
5,453,660	Sep. 26, 1995	Martin et al.					*.1	10   e 1
5,656,893	Aug. 12, 1997	Shino et al.				-	. ;-	10 1 F 11
5,659,226	Aug. 19, 1997	Shigeta Shigeta				şe - <b>3</b>	ið Auj	
	FOF	REIGN PATE	ENT DOCUMENTS				- <del></del>	7
						Trans	slation	
Document Number	Date		Country	Class	Subclass	Yes	No	
61176035	Aug. 7, 1986	Japan	Japan		<del></del> ,	Х		
63131436	June 3, 1988	Japan				Abs.		
63232238	Sep. 28, 1988	Japan		-		Abs.		
02148645	June 7, 1990	Japan	·		/	Х	·	
2-220330	Sep. 3, 1990	Japan	Japan		7	Abs.		
04312742	Nov. 4, 1992	Japan				Abs.		
05002993	Jan. 8, 1993	Japan				Abs.		
	OTHER DOCUMEN	TS (Including Au	uthor, Title, Date, Pertinent Pages, Etc	c.)			-	
1996 National Conventi	on Record I.E.E.	, Japan; Mar	ch 10, 1996				-	
	*							
1								1
	Document Number	Patent and Trade INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)  Document Number  4,296,357  Oct. 20, 1981  4,728,864  Mar. 1, 1988  4,737,687  Apr. 12, 1988  5,081,400  Jan. 14, 1992  5,107,182  Apr. 21, 1992  5,212,472  May 18, 1993  5,317,334  May 31, 1994  5,436,634  Jul. 25, 1995  5,453,660  Sep. 26, 1995  5,453,660  Sep. 26, 1995  5,656,893  Aug. 12, 1997  FOR  Document Number  Date  61176035  Aug. 7, 1986  63131436  June 3, 1988  63232238  Sep. 28, 1988  02148645  June 7, 1990  2-220330  Sep. 3, 1990  04312742  Nov. 4, 1992  05002993  Jan. 8, 1993	Document Number	NFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Patent and Trademark Office   INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Patent and Trademark Office   D8/690,03	Attorney Docket No.: 1307.65742   Serial No.: Div. of 08/690,038   Serial No.: Div. of 08/690,038   Applicant: Ishii et al.	Patent and Trademark Office   Applicant: Ishii et al.   Filing Date: July 31, 1998   Group: 2675   Class   Group: 2675   Class

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#3

Sheet 2 of 2

Form PTO-1449 U.S. Department of Co (Rev. 8-88) Patent and Tradema		Commerce mark Office	Attorney Docket No.: 1307.65742			Serial No.: Div. of 08/690,038				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Ishii et al.						
(ess several encoded in necessary)				Filing Date: July 31, 1996			Group: 2675			
		Ų	J.S. PATENT	DOCUMENTS	<u>-</u>					
Examiner Initial*	Document Number	Date	Name			Class	Filing D Subclass If Approp		Date opriate	
AA	5,696,523	Dec. 9, 1997.	Yano							
AA	5,701,056	Dec. 23, 1997	Shinohara							
AA	5,744,909	Apr. 28, 1998	Amano							
AR	5,907,311	May 25, 1999	Yano					_		
					· · · · · · · · · · · · · · · · · · ·					
			-		:	·				
				,						
			·	<del>-</del> .	1.1					
		FOF	REIGN PATE	NT DOCUMENTS	 }		,			
						T		Translation		
	Document Number	Date		Country		Class	Subclass	Yes	No	
AA	2 694 118	Jan. 28, 1994	France			~			х	
AA	6-175607	June 24, 1994	Japan					Abs.		
AN	07029497	Jan. 31, 1995	Japan					Abs.		
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				V 10 10 10				
				·						
	<u> </u>		<u> </u>				<u>.</u>			
Ι		OTHER DOCUMEN	TS (Including Au	thor, Title, Date, Pertine	ent Pages, Etc.)		<u> </u>	<del></del>		
							<del></del>			
	<del>                                     </del>									
	<del> </del>		·	<del></del>						
Examiner	Am Ans		Date 6	Considered 67	7 23-0	3				
*Examiner:	Initial if citation considered, wheth Include copy of this form with next	er or not citation is in o	conformance wit				formance and n	ot conside	red.	